

PLUS 4/5/04

Butler, Douglas

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From: PLUS  
Sent: Thursday, March 04, 2004 9:29 AM  
To: Butler, Douglas  
Subject: PLUS Results for 09992978

Here are the PLUS search results for 09992978.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



09992978\_OUAL.txt



09992978\_LIST.txt



09992978\_WEST.txt



09992978\_EAST.txt



09992978\_east



09992978\_CLS.txt



09992978\_CLSTITLES.txt



09992978\_WVDS.txt

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09992978\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09992978 on March 04, 2004

30 188/250B (9 OR, 21 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/250B ..Shoe construction

27 188/73.1 (9 OR, 18 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.1 ..Structure of brake element

26 188/73.38 (21 OR, 5 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.37 ...Having means to prevent vibration of brake  
element  
188/73.38 ....Spring

23 188/73.37 (13 OR, 10 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.37 ...Having means to prevent vibration of brake  
element

21 188/250G (6 OR, 15 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/250G ..Surfaces and fasteners

15 188/250E (3 OR, 12 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/250E ..Slotted shoes and vibration dampers

14 188/1.11W (10 OR, 4 XR)  
Class 188 : BRAKES  
188/1.11R WITH CONDITION INDICATOR  
188/1.11W .Wear

13 188/251A (5 OR, 8 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/251R ..Composite  
188/251A ...Materials

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- 9 188/73.45 (0 OR, 9 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.43 ...Including actuator slidable in plane  
parallel to axis of rotation of wheel  
188/73.44 ....On axially extending pin  
188/73.45 ....Plural pins
- 8 188/73.36 (2 OR, 6 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.35 ...Having actuator and means to prevent  
vibration thereof  
188/73.36 ....Including means to prevent vibration of  
brake element
- 7 188/73.32 (1 OR, 6 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.32 ...Having means to facilitate changing brake  
element
- 7 188/73.39 (4 OR, 3 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.39 ...Including torque member supporting brake  
element
- 6 188/218XL (2 OR, 4 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/218R .Brake wheels  
188/218XL ..Disk type
- 6 188/264G (1 OR, 5 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/264R .Cooling and lubricating  
188/264G ..Insulators
- 6 188/73.31 (3 OR, 3 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element

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5 188/18A (2 OR, 3 XR)  
Class 188 : BRAKES  
188/2R VEHICLE  
188/17 .Hub or disk  
188/18R ..Motor vehicle  
188/18A ...Disc brakes

5 188/73.43 (1 OR, 4 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.43 ...Including actuator slidable in plane  
parallel to axis of rotation of wheel

4 29/401.1 (3 OR, 1 XR)  
Class 029 : METAL WORKING  
29/592 METHOD OF MECHANICAL MANUFACTURE  
29/401.1 .Converting

4 29/527.6 (1 OR, 3 XR)  
Class 029 : METAL WORKING  
29/592 METHOD OF MECHANICAL MANUFACTURE  
29/527.1 .Combined manufacture including applying or  
shaping of fluent material  
29/527.5 ..Metal casting  
29/527.6 ...Followed by cutting or removing material

4 188/205A (0 OR, 4 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/205R .Supports  
188/205A ..Antirattler

4 188/264AA (0 OR, 4 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/264R .Cooling and lubricating  
188/264A ..Air-cooled, axially engaging  
188/264AA ...Auto wheel type

4 188/325 (0 OR, 4 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/74 .Transversely movable  
188/78 ..Expanding  
188/325 ...Two shoes

4 188/71.6 (1 OR, 3 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/71.6 ..With means for cooling brake

4 188/72.3 (1 OR, 3 XR)  
Class 188 : BRAKES

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188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/72.1 ..With means for actuating brake element  
188/72.3 ...And means for retracting brake element

3 116/208 (0 OR, 3 XR)  
Class 116 : SIGNALS AND INDICATORS  
116/200 INDICATORS  
116/208 .Element wear type

3 188/218R (3 OR, 0 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/218R .Brake wheels

3 188/234 (1 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/234 .Shoe fasteners

3 188/251M (0 OR, 3 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/251R ..Composite  
188/251M ...Metallic surfaces

3 188/251R (0 OR, 3 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/251R ..Composite

3 188/258 (0 OR, 3 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/251R ..Composite  
188/255 ...Cast metal matrix  
188/258 ....Backs

3 188/26 (2 OR, 1 XR)  
Class 188 : BRAKES  
188/2R VEHICLE  
188/24.11 .Velocipede (e.g., bicycle, etc.)  
188/26 ..Hub or disk

3 188/71.5 (1 OR, 2 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/71.5 ..Plural rotating elements (e.g., "multidisc")

3 188/72.2 (3 OR, 0 XR)  
Class 188 : BRAKES  
188/67 ROD

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188/71.1 .Axially movable brake element or housing  
therefor

188/72.1 ..With means for actuating brake element

188/72.2 ...Self-force-increasing means

3 188/72.4 (1 OR, 2 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor

188/72.1 ..With means for actuating brake element

188/72.4 ...By fluid pressure piston

3 192/107M (0 OR, 3 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/107R .Engaging surfaces  
192/107M ..Material

3 192/107R (2 OR, 1 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/107R .Engaging surfaces

3 192/30W (0 OR, 3 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/30W .Warning, indicating, and signal devices

2 29/524.1 (0 OR, 2 XR)  
Class 029 : METAL WORKING  
29/592 METHOD OF MECHANICAL MANUFACTURE  
29/428 .Assembling or joining  
29/505 ..Joining by deforming  
29/522.1 ...Radially expanding part in cavity, aperture,  
or hollow body  
29/524.1 ....Riveting

2 156/228 (0 OR, 2 XR)  
Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL  
MANUFACTURE  
156/1 METHODS  
156/60 .Surface bonding and/or assembly therefor  
156/228 ..Of preshaped laminae between closed similarly  
shaped press platens or clamps

2 156/322 (0 OR, 2 XR)  
Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL  
MANUFACTURE  
156/1 METHODS  
156/60 .Surface bonding and/or assembly therefor  
156/322 ..Heating lamina prior to assembly or adhesive  
applying

2 181/290 (0 OR, 2 XR)  
Class 181 : ACOUSTICS  
181/175 SOUND-MODIFYING MEANS  
181/284 .Sound absorbing panels  
181/290 ..Multilayer panel or wall structure

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- 2 188/1.11L (2 OR, 0 XR)  
Class 188 : BRAKES  
188/1.11R WITH CONDITION INDICATOR  
188/1.11W .Wear  
188/1.11L ..Electrical
- 2 188/18R (0 OR, 2 XR)  
Class 188 : BRAKES  
188/2R VEHICLE  
188/17 .Hub or disk  
188/18R ..Motor vehicle
- 2 188/196BA (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/196R .Slack  
188/196B ..Ratchet  
188/196BA ...Rotatable
- 2 188/24.22 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/2R VEHICLE  
188/24.11 .Velocipede (e.g., bicycle, etc.)  
188/24.12 ..Including mechanism for opposed gripping of  
wheel rim or tire  
188/24.22 ...Specific actuator element structure
- 2 188/250D (1 OR, 1 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/250R .Shoes  
188/250D ..Web and flange connections
- 2 188/2D (0 OR, 2 XR)  
Class 188 : BRAKES  
188/2R VEHICLE  
188/2D ..Bowdin wire-operated
- 2 188/344 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/151R .Fluid pressure  
188/152 ..Road vehicle  
188/344 ...Velocipede
- 2 188/366 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/151R .Fluid pressure  
188/152 ..Road vehicle  
188/361 ...Wheel brake operating assembly  
188/366 ....Arcuate or annular motor
- 2 188/370 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/381 FRICTIONAL VIBRATION DAMPER  
188/151R .Fluid pressure  
188/152 ..Road vehicle

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188/361 . . . . .Wheel brake operating assembly  
188/369 . . . . .With axially movable brake member  
188/370 . . . . .Spot type

2 188/70R (1 OR, 1 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/70R Axially and transversely movable

2 188/71.8 (1 OR, 1 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/71.7 ..With means to adjust for wear of brake  
188/71.8 ...Self-adjusting means

2 188/72.5 (1 OR, 1 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/72.1 ..With means for actuating brake element  
188/72.4 ...By fluid pressure piston  
188/72.5 ....Piston for each of plural elements

2 188/73.34 (2 OR, 0 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.32 ...Having means to facilitate changing brake  
element  
188/73.33 ....By manipulation of brake actuator  
188/73.34 .....Pivotal actuator

2 188/73.35 (1 OR, 1 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.35 ...Having actuator and means to prevent  
vibration thereof

2 188/73.47 (0 OR, 2 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/71.1 .Axially movable brake element or housing  
therefor  
188/73.31 ..Retainer for brake element  
188/73.47 ...Having closed loop type housing

2 188/79.64 (2 OR, 0 XR)  
Class 188 : BRAKES  
188/67 ROD  
188/74 . Transversely movable  
188/79.51 .. Having wear take up or compensating structure

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- 188/79.63 ....Mounted between shoe and a support member  
188/79.64 ....Between plural supporting shoes
- 2 192/107T (0 OR, 2 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/107R .Engaging surfaces  
192/107T ..Transversely engaging
- 2 192/79 (0 OR, 2 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/66.1 .Axially engaging  
192/79 ..Exterior
- 2 192/85AT (0 OR, 2 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/82R .Operators  
192/85R ..Fluid pressure  
192/85AT ...Transversely engaging rotating motor and clutch
- 2 192/88B (2 OR, 0 XR)  
Class 192 : CLUTCHES AND POWER-STOP CONTROL  
192/30R CLUTCHES  
192/82R .Operators  
192/85R ..Fluid pressure  
192/88R ...Flexible motor  
192/88B ....Radially engaged
- 2 264/258 (0 OR, 2 XR)  
Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES  
264/239 MECHANICAL SHAPING OR MOLDING TO FORM OR REFORM SHAPED ARTICLE  
264/241 .To produce composite, plural part or multilayered article  
264/257 ..One component is a fibrous or textile sheet, web, or batt  
264/258 ...Joining a plurality of superposed fibrous or textile layers
- 2 523/153 (1 OR, 1 XR)  
Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES  
523/1 .PROCESSES OF PREPARING A DESIRED OR INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF  
523/149 ..Friction element composition or process of preparing  
523/152 ...For wheeled vehicle  
523/153 ....Containing fibrous or polycrystalline refractory oxide

09992978\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09992978 on March 04, 2004

Original Classifications

21 188/73.38  
13 188/73.37  
10 188/1.11W  
9 188/250B  
9 188/73.1  
6 188/250G  
5 188/251A  
4 188/73.39  
3 29/401.1  
3 188/218R  
3 188/250E  
3 188/72.2  
3 188/73.31  
2 188/1.11L  
2 188/18A  
2 188/218XL  
2 188/26  
2 188/73.34  
2 188/73.36  
2 188/79.64  
2 192/107R  
2 192/88B

Cross-Reference Classifications

21 188/250B  
18 188/73.1  
15 188/250G  
12 188/250E  
10 188/73.37  
9 188/73.45  
8 188/251A  
6 188/73.32  
6 188/73.36  
5 188/264G  
5 188/73.38  
4 188/1.11W  
4 188/205A  
4 188/218XL  
4 188/264AA  
4 188/325  
4 188/73.43  
3 29/527.6  
3 116/208  
3 188/18A  
3 188/251M  
3 188/251R  
3 188/258  
3 188/71.6  
3 188/72.3  
3 188/73.31  
3 188/73.39  
3 192/107M  
3 192/30W  
2 29/524.1

2 156/228  
2 156/322  
2 181/290  
2 188/18R  
2 188/196BA  
2 188/234  
2 188/24.22  
2 188/2D  
2 188/344  
2 188/366  
2 188/370  
2 188/71.5  
2 188/72.4  
2 188/73.47  
2 192/107T  
2 192/79  
2 192/85AT  
2 264/258

Combined Classifications

30 188/250B  
27 188/73.1  
26 188/73.38  
23 188/73.37  
21 188/250G  
15 188/250E  
14 188/1.11W  
13 188/251A  
9 188/73.45  
8 188/73.36  
7 188/73.32  
7 188/73.39  
6 188/218XL  
6 188/264G  
6 188/73.31  
5 188/18A  
5 188/73.43  
4 29/401.1  
4 29/527.6  
4 188/205A  
4 188/264AA  
4 188/325  
4 188/71.6  
4 188/72.3  
3 116/208  
3 188/218R  
3 188/234  
3 188/251M  
3 188/251R  
3 188/258  
3 188/26  
3 188/71.5  
3 188/72.2  
3 188/72.4  
3 192/107M  
3 192/107R  
3 192/30W  
2 29/524.1  
2 156/228

09992978 CLS

2 156/322  
2 181/290  
2 188/1.11L  
2 188/18R  
2 188/196BA  
2 188/24.22  
2 188/250D  
2 188/2D  
2 188/344  
2 188/366  
2 188/370  
2 188/70R  
2 188/71.8  
2 188/72.5  
2 188/73.34  
2 188/73.35  
2 188/73.47  
2 188/79.64  
2 192/107T  
2 192/79  
2 192/85AT  
2 192/88B  
2 264/258  
2 523/153

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*EAST* 4/5/04

L Number	Hits	Search Text	DB	Time stamp
3	687	188/234,255,258,256.cccls.	USPAT; US-PGPUB	2004/04/05 11:52
4	349	188/234,255,258,256.cccls. not 188/250g,250b,250r,251r,242,234.cccls.	USPAT; US-PGPUB	2004/04/05 11:53
	4	Callahan.in. and page.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/05 07:29
	1	2003-448890.NRAN.	DERWENT	2004/04/05 07:29
	634	brak\$4 same back\$4 adj plate same (ushape or ushaped or u adj shape or u shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/05 10:18
	164	brak\$4 same back\$4 adj plate same (ushape or ushaped or u adj shape or u adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/05 07:31
	37	brak\$4 same back\$4 adj plate same (cshape or cshaped or c adj shape or c adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/05 07:32
	252	brak\$4 same back\$4 adj plate same (ushape or ushaped or u adj shape or u adj shaped) and 188/\$.cccls.	USOCR	2004/04/05 08:21
	37	brak\$4 same back\$4 adj plate same (cshape or cshaped or c adj shape or c adj shaped) and 188/\$.cccls.	USOCR	2004/04/05 07:33
	422	188/250b	USPAT; US-PGPUB	2004/04/05 08:29
	505	188/73.1,250b.cccls.	USPAT; US-PGPUB	2004/04/05 08:29
	276	188/73.1.cccls.	USPAT; US-PGPUB	2004/04/05 08:29
	590	188/250b or 188/73.1.cccls.	USPAT; US-PGPUB	2004/04/05 08:29
	314	188/250b.cccls.	USPAT; US-PGPUB	2004/04/05 08:29
	505	188/250b.cccls. or 188/73.1.cccls.	USPAT; US-PGPUB	2004/04/05 08:29
	9	("0601651"   "1673027"   "1781074"   "1974561"   "2361307"   "2451326"   "2687191"   "3275105"   "3868002").PN.	USPAT	2004/04/05 08:53
	2	1974561.URPN.	USPAT	2004/04/05 08:58
	21	rivet with problem with brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/05 09:13
	3	rivet with problem with brak\$4	USOCR	2004/04/05 09:14
	19	rivet with scoring with brak\$4	USOCR	2004/04/05 09:25
	260	188/250g.cccls. not 188/73.1,250b.cccls.	USPAT	2004/04/05 10:56
	0	brak\$4 same back\$4 adj plate same plastic adj rivet	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/05 10:18
	0	brak\$4 same back\$4 adj plate same plastic adj rivet	USOCR	2004/04/05 10:18
	2	brak\$4 same plastic adj rivet	USOCR	2004/04/05 10:18
	713	188/242,234,250r,251r.cccls. not 188/250g.cccls. not 188/73.1,250b.cccls.	USPAT	2004/04/05 11:04
	1	1789133.bn.	USPAT	2004/04/05 11:42
	7	1789133.URPN.	USPAT	2004/04/05 11:04

L Number	Hits	Search Text	DB	Time stamp
-	6324	hOKUSHIN.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 05:42
-	44847	Miyamoto.in. or Furuya.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:51
-	2	( Miyamoto.in. and Furuya.in.) and hOKUSHIN.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:52
-	74	Miyamoto.in. and Furuya.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:22
-	2	( Miyamoto.in. and Furuya.in.) and (rod or shaft or strut) same mount\$4 same (damper or dampener)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/18 13:56
-	0	hOKUSHIN.asn. and 280/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 05:33
-	11	hOKUSHIN.asn. and 267/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:24
-	419	267/220.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 05:48
-	105	267/220.cccls. and radial\$4 same axial\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 05:48
-	128	267/292-294.cccls. and radial\$4 same axial\$4 same (rubber or elastom\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:28
-	63	267/220.cccls. and radial\$4 same axial\$4 same (rubber or elastom\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 05:49
-	117	280/124\$.cccls. and radial\$4 same axial\$4 same (rubber or elastom\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 06:26
-	216	267/141-141.7,153.cccls. and radial\$4 same axial\$4 same (rubber or elastom\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 06:27

-	133	(267/141-141.7,153.ccls. and radial\$4 same axial\$4 same (rubber or elastom\$6)) not (267/220.ccls. and radial\$4 same axial\$4 same (rubber or elastom\$6)) not (267/292-294.ccls. and radial\$4 same axial\$4 same (rubber or elastom\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 06:27
-	49	267/140.3-140.5.ccls. and radial\$4 same axial\$4 same (rubber or elastom\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 06:27
-	1	("5078370").PN.	USPAT; US-PGPUB	2003/03/19 06:34
-	11	5078370.URPN.	USPAT	2003/03/19 06:34
-	197	188/321.11,322.12.ccls.	USPAT; US-PGPUB	2003/03/19 07:25
-	96	188/321.11,322.12.ccls. and (rubber or elastom\$5)	USPAT; US-PGPUB	2003/03/19 07:41
-	238	267/220.ccls.	USPAT; US-PGPUB	2003/03/19 07:42
-	45	honda.asn. and radial\$4 same axial\$4 same (rubber or elastom\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 07:44
-	419	267/220.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 07:45
-	113	267/220.ccls.	JPO	2003/03/19 07:45
-	314	280/124.155,124.177.ccls.	USPAT; US-PGPUB	2003/03/19 09:56
-	314	280/124.155,124.177.ccls. not 267/220.ccls.	USPAT; US-PGPUB	2003/03/19 09:56
-	205	280/124.155,124.177.ccls. and (rubber or elastom\$5)	USPAT; US-PGPUB	2003/03/19 09:57
-	1218	267/292-294.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:29
-	190	267/292-294.ccls. and (bracket or flange) same (rubber or elastom\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:32
-	2	6260835.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:30
-	200	267/292-294.ccls. and (rubber or elastom\$6) same radial\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:57
-	230	267/140.5,140.3.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:34
-	21	267/140.5,140.3.ccls. and radial near3 (force or load\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:56

	126	(267/292-294.ccls. and (rubber or elastom\$6) same radial\$4) and (267/292-294.ccls. and (rubber or elastom\$6) same radial\$4 same (bracket or cylindrical or metal or flange))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 10:57
	126	267/292-294.ccls. and (rubber or elastom\$6) same radial\$4 same (bracket or cylindrical or metal or flange)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:02
	18139	(rubber or elastom\$6) same radial\$4 same (bracket or cylindrical or metal or flange)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:04
	2854	(rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:08
	864	( (rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange)) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:23
	183	(( (rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange)) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction)) and (b60g\$.ipc. or f16f\$.ipc. or 267/.ccls. or 280/.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:12
	51	(( (rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange)) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction)) same (damper or dampener or shock adj absorber or suspension)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:15
	2	5678808.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:21
	1	1997-202718.NRAN.	DERWENT	2003/03/19 11:19
	3	"4138238" near2 de	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:20
	1	5678808.pn.	USPAT	2003/03/19 11:21
	20	("2089656"   "2512269"   "2636726"   "2661207"   "2819064"   "2924305"   "2980418"   "3105574"   "3148871"   "3178167"   "3625321"   "3770258"   "3955807"   "4106596"   "4189034"   "4234172"   "4452436"   "5058868"   "5078370"   "5467971").PN.	USPAT	2003/03/19 11:22
	7	5678808.URPN:	USPAT	2003/03/19 11:22
	27	(( (rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange)) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction)) and 403/.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/19 11:24
	0	"250634"	JPO	2003/03/19 12:52
	0	b60g015.14.ipc. and f16f009/06.ipc.	JPO	2003/03/19 12:53
	0	b60g015/14.ipc. and f16f009/06.ipc.	JPO	2003/03/19 12:53
	236	b60g015/14.ipc. or f16f009/06.ipc.	JPO	2003/03/19 12:53
	0	b60g015/14.ipc.	JPO	2003/03/19 12:53
	554	b60g015/.ipc.	JPO	2003/03/19 12:53
	776	b60g015/.ipc. or (b60g015/14.ipc. or f16f009/06.ipc.)	JPO	2003/03/19 12:54
	0	py=1989	JPO	2003/03/19 12:54

	68	"1989" and (b60g015/\$.ipc. or (b60g015/14.ipc. or f16f009/06.ipc.))	JPO	2003/03/19 12:55
	27	@PY=1989 and (b60g015/\$.ipc. or (b60g015/14.ipc. or f16f009/06.ipc.))	JPO	2003/03/19 12:58
	2	@Pd=19891005 and (b60g015/\$.ipc. or (b60g015/14.ipc. or f16f009/06.ipc.))	JPO	2003/03/19 13:00
	1	@Pd=19891005 and tokico	JPO	2003/03/19 13:02
	0	1250634.URPN.	USPAT	2003/03/19 13:00
	1	JP401250634A	USPAT;	2003/03/19 13:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
			USPAT;	
	5	( Miyamoto.in. and Furuya.in.) and (hOKUSHIN.asn. or honda.asn.)	US-PGPUB;	2003/10/09 13:32
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	1	2003-029471.NRAN.	DERWENT	2003/10/09 12:53
	55	(( (rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction) same (damper or dampener or shock adj absorber or suspension)	USPAT;	2003/10/09 13:20
		(( rubber or elastom\$6) same (perpendicualr or transverse or transversely or radial\$4) near3 (load or force) same (axial or axially or longitudinal or longitudinally) near3 (force or load ) same (damper or dampener or shock adj absorber or suspension)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	41	(( rubber or elastom\$6) same (perpendicualr or transverse or transversely or radial\$4) near3 (load or force) same (axial or axially or longitudinal or longitudinally) near3 (force or load ) same (damper or dampener or shock adj absorber or suspension)	USPAT;	2003/10/09 13:22
		(( (rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction) same (damper or dampener or shock adj absorber or suspension) ) not ((rubber or elastom\$6) same (perpendicualr or transverse or transversely or radial\$4) near3 (load or force) same (axial or axially or longitudinal or longitudinally) near3 (force or load ) same (damper or dampener or shock adj absorber or suspension) )	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	46	(( (rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction) same (damper or dampener or shock adj absorber or suspension) ) not ((rubber or elastom\$6) same (perpendicualr or transverse or transversely or radial\$4) near3 (load or force) same (axial or axially or longitudinal or longitudinally) near3 (force or load ) same (damper or dampener or shock adj absorber or suspension) )	USPAT;	2003/10/09 13:20
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	125	(( rubber or elastom\$6) same (perpendicualr or transverse or transversely or radial\$4) same (axial or axially or longitudinal or longitudinally) near3 (force or load ) same (damper or dampener or shock adj absorber or suspension)	USPAT;	2003/10/09 13:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	78	((rubber or elastom\$6) same (perpendicualr or transverse or transversely or radial\$4) same (axial or axially or longitudinal or longitudinally) near3 (force or load ) same (damper or dampener or shock adj absorber or suspension) ) not ((( rubber or elastom\$6) same radial\$4 near4 (motion or force or load or loaded or loaded or direction) same (bracket or cylindrical or metal or flange) same (axial or axially or longitudinal or longitudinally) near3 (motion or force or load or loaded or loaded or direction) same (damper or dampener or shock adj absorber or suspension) ) not ((rubber or elastom\$6) same (perpendicualr or transverse or transversely or radial\$4) near3 (load or force) same (axial or axially or longitudinal or longitudinally) near3 (force or load ) same (damper or dampener or shock adj absorber or suspension) )	USPAT;	2003/10/09 13:25
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	110	267/140.5.ccls.	USPAT;	2003/10/09 13:27
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	431	267/220.ccls.	USPAT;	2003/10/09 13:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

	236	280/124.155.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:36
	2	( Miyamoto.in. and Furuya.in.) and damper same mount\$4	JPO	2003/10/09 13:33
	72	honda.asn. and damper same mount\$4	JPO	2003/10/09 13:33
	38	280/124.147.ccls. not 280/124.155.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:37
	24	267/220.ccls. and plate near5 (rubber or bushing or elastomer\$5) same (rod or shaft)	USPAT; US-PGPUB	2003/10/09 13:59
	16	267/220.ccls. and ( retainer or retaining )near5 (rubber or bushing or elastomer\$5) same (rod or shaft)	USPAT; US-PGPUB	2003/10/09 13:59
	137	((267/141.4) or (267/141.5)).CCLS.	USPAT; US-PGPUB	2003/10/10 07:51
	541	(rubber or elastom\$6) near5 (flange or plate) same (strut or shaft or rod) same (stop or stopper or bump or bumper)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/10 08:52
	310	(rubber or elastom\$6) near5 (flange or plate) same (strut or shaft or rod) same stop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/10 08:51
	65	(rubber or elastom\$6) near5 (flange or plate) same (strut or shaft or rod) same (stop or stopper or bump or bumper)	JPO	2003/10/10 08:57
	92	(rubber or elastom\$6) same (strut or shaft or rod) same (stop or stopper or bump or bumper) same (shock adj absorb\$4 or damper or dampener or strut)	JPO	2003/10/10 08:58
	84	((rubber or elastom\$6) same (strut or shaft or rod) same (stop or stopper or bump or bumper) same (shock adj absorb\$4 or damper or dampener or strut)) not ((rubber or elastom\$6) near5 (flange or plate) same (strut or shaft or rod) same (stop or stopper or bump or bumper))	JPO	2003/10/10 08:58
	689	(rubber or elastom\$6) same (strut or shaft or rod) same (stop or stopper or bump or bumper)	JPO	2003/10/10 09:16
	69	(rubber or elastom\$6) same (strut or shaft or rod) same (stop or stopper or bump or bumper) and honda.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/10 09:18
	607	(rubber or elastom\$6) same (strut or shaft or rod) and honda.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/10 09:24
	303	(rubber or elastom\$6) same (strut or shaft or rod) same nut same collar	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/10 09:24
	10	(rubber or elastom\$6) same (strut or shaft or rod) same nut same collar same (damper or dampener)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/10 09:25
	32	(rubber or elastom\$6) near6 (strut or shaft or rod) same (damper or dampener) and nut same (plate or washer) near6 (rubber or elastom\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/10 09:26
	0	6592112.URPN.	USPAT	2003/10/10 09:28
	18	5248134.URPN.	USPAT	2003/10/10 09:31
	2	5975505.URPN.	USPAT	2003/10/10 09:33
	14	("2842230"   "3584856"   "3679158"   "4434977"   "4486028"   "4681304"   "4810003"   "5133573"   "5248134"   "5251928"   "5261650"   "5330166"   "5431260"   "5676355").PN.	USPAT	2003/10/10 09:33

	104	Miyamoto.in. and Furuya.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:23
	0	yasuo.in. and masahi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:23
	97690	yasuo.in. or masahi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:24
	45	hOKUSHIN.asn. and honda.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:37
	0	axial near10 rubber same radial near10 rubber same hydraulic same (damper or dampener) same end same mounting adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:39
	1	axial adj direction same rubber same radial adj direction same (elastomer\$5 or rubber) same hydraulic same mounting adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:41
	5	axial adj direction same radial adj direction same (elastomer\$5 or rubber) same mounting adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/25 08:42

L Number	Hits	Search Text	DB	Time stamp
	2	PAGE.IN. AND CALLAHAN.IN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 10:53
	1322	F16D069/04 IPC.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 08:22
	0	F16D069/04 IPC. AND (close\$3 adj loop or embedded or encapsulated or enclosed or ushap\$4 or wshap\$4 or vshap\$4) near3 (back or backing) adj2 plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 15:10
	18	F16D069/04 IPC. AND loop	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 15:07
	5	F16D069/04 IPC. AND handle	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 15:09
	1	1981-H8147D.NRAN.	DERWENT	2003/04/19 15:08
	4	4371061.URPN.	USPAT	2003/04/19 15:08
	1	("4371061").PN.	USPAT; US-PGPUB	2003/04/19 15:09
	4	4371061.URPN.	USPAT	2003/04/19 15:09
	7	("0799296"   "1220792"   "1586369"   "3432194"   "3851738"   "4004659"   "4271936").PN.	USPAT	2003/04/19 15:09
	4072	(back or backing) adj2 plate same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 15:10
	521	(ushap\$3 or u adj shap\$4) same brak\$4 same back\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 15:12
	156	((back or backing) adj2 plate same brak\$4) same ((ushap\$3 or u adj shap\$4) same brak\$4 same back\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 15:13
	1	"3343770".PN.	USPAT	2003/04/19 15:13
	5	((back or backing) adj2 plate same brak\$4) same ((ushap\$3 or u adj shap\$4) same brak\$4 same back\$4) same closed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/19 15:14
	166	(188/73.32).CCLS.	USPAT; US-PGPUB	2003/04/22 08:08
	68	(188/245).CCLS.	USPAT; US-PGPUB	2003/04/22 08:09
	8	4326614.URPN.	USPAT	2003/04/22 08:10
	23	("2379796"   "3162271"   "3194347"   "3838754"   "3899051"   "3935930"   "3998295"   "4061208"   "4093043"   "4326614"   "4356897"   "4417647"   "4441588"   "4469205"   "4471858"   "4951409"   "5358078"   "5624334"   "5632362"   "6003639"   "6075221"   "6230849"   "6340074").PN.	USPAT	2003/04/22 08:11

	1322	F16D069/04.IPC.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:33
	5	F16D069/04.IPC. and handle	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 08:26
	4	F16D069/04.IPC. and 188/258.ccis.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 08:34
	6	F16D069/04.IPC. and "same material"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 08:31
	0	61256032.URPN.	USPAT	2003/04/22 08:30
	1	JP361256032A	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 08:31
	6	KAWAKAMI and OYAMA	JPO	2003/04/22 08:32
	31	F16D069/04.IPC. and 188/251\$.ccis.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 08:36
	40	F16D069/04.IPC. and 188/73.1.ccis.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:07
	2	4588050.URPN.	USPAT	2003/04/22 09:06
	2	callahan.in. and page.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:07
	110	(callahan.in. or page.in.) and brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:08
	16	(callahan.in. or page.in.) and brak\$4 same back\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:08
	9	("0601651"   "1673027"   "1781074"   "1974561"   "2361307"   "2451326"   "2687191"   "3275105"   "3868002").PN.	USPAT	2003/04/22 09:08
	6	F16D069/04.IPC. and arms! same material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:12
	230	F16D069/04.IPC. and (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:14

	16	F16D069/04.IPC. and (back or backing) adj plate same (rivet or fastener) same material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:19
	6	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:25
	5	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 friction adj material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:30
	0	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 friction adj material	USOCR	2003/04/22 09:31
	2	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 material	USOCR	2003/04/22 09:32
	2	F16D069/04.IPC. and (ushape or ushaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:37
	0	188/73.1,250\$.ccls. and (ushape or ushaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:35
	0	188/73.1,250\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:36
	440	188/73.1.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:36
	1458	188/250\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:36
	1744	188/73.1.cccls. or 188/250\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:36
	15	(188/73.1.cccls. or 188/250\$.cccls. ) and (ushape or ushaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:45
	25	(188/73.1.cccls. or 188/250\$.cccls. ) and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:38
	5	(188/73.1.cccls. or 188/250\$.cccls. ) and loop same back\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:39

	10	(188/73.1.ccls. or 188/250\$.ccls. ) and loop same back\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:39
	1	"3343770".PN.	USPAT	2003/04/22 09:40
	3	5732800.URPN.	USPAT	2003/04/22 09:41
	329	(188/73.1.ccls. or 188/250\$.ccls. ) and (backing or back) adj2 plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:45
	4	(188/73.1.ccls. or 188/250\$.ccls. ) and (backing or back) adj2 plate same (c adj shape or c adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:48
	64	188/250g.ccls. and 188/251\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:49
	45	188/250g.ccls. and 188/73.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 09:53
	337	(188/250g).CCLS.	USPAT; US-PGPUB	2003/04/22 09:57
	267	(188/258).CCLS.	USPAT; US-PGPUB	2003/04/22 09:54
	56	188/250g.ccls.	EPO; JPO; DERWENT	2003/04/22 09:57
	58	188/250g.ccls. and f16d069/04.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 10:24
	3209	(rivet or fastener) same ((back or backing) adj2 plate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 10:27
	0	((rivet or fastener) same ((back or backing) adj2 plate) ) same (rivet or fastener) near3 (made adj4 friction adj material) same damag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 10:30
	7	((rivet or fastener) same ((back or backing) adj2 plate) ) same (rivet or fastener) same friction same damag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 10:32
	23	(rivet or fastener) same damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:02
	2	(fastener) same damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 10:36
	2116	damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 10:38
	51	damag\$4 near3 prevent\$ same brak\$4 near2 (material or surface)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 10:42
	1	damag\$4 near3 prevent\$ same brak\$4 near2 (material or surface) and 188/\$.ccls.	USOCR	2003/04/22 10:44

	42	(damage or damaged or damaging) near3 (preventing or prevented or prevents or prevent) same (brake or braking) near2 (material or surface) and 188/.ccls.	USOCR	2003/04/22 10:48
	85	(damage or damaged or damaging) near3 (preventing or prevented or prevents or prevent) same (brake or braking) near2 (material or surface)	USOCR	2003/04/22 10:57
	2	188/256.ccls. and 188/258.ccls.	USPAT; US-PGPUB	2003/04/22 10:58
	295	188/256.ccls. or 188/258.ccls.	USPAT; US-PGPUB	2003/04/22 10:58
	3	5597053.URPN.	USPAT	2003/04/22 10:58
	5	("0995067"   "1143518"   "1239448"   "1670224"   "4273219").PN.	USPAT	2003/04/22 10:58
	4	((rivet or fastener) adj5 material adj8 prevent\$) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:05
	40	((rivet or fastener or bolt) near5 material) same prevent\$5 same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:11
	54	(rivet or fastener or bolt) near5 (friction adj2 (material or substance)) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:20
	0	(rivet or fastener or bolt) near5 (nonabrasive adj2 (material or substance)) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:23
	0	(rivet or fastener or bolt) near5 nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:24
	0	(rivet or fastener or bolt) near5 nonabrasive same brak\$4	USOCR	2003/04/22 11:24
	0	(rivet or fastener or bolt) same nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:24
	0	(rivet or fastener or bolt) same nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:24
	0	(rivet or fastener or bolt) same nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:24
	15676	(rivet or fastener or bolt) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:25
	134	(rivet or fastener or bolt) same brak\$4 adj2 (back or backing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:26
	99	((rivet or fastener or bolt) same brak\$4 adj2 (back or backing)) same (back or backing) adj2 (member or plate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:39
	0	505314.URPN.	USPAT	2003/04/22 11:37
	720	188/1.11\$.ccls.	USPAT; US-PGPUB	2003/04/22 11:40
	0	188/1.11\$.ccls. and rivets! near3 nonabrasive	USPAT; US-PGPUB	2003/04/22 11:40
	0	188/1.11\$.ccls. and rivets! near3 nonabrasive	USOCR	2003/04/22 11:40
	0	rivets! near3 nonabrasively adj engage	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:41

	0	(fastener or bolt or rivet) near3 nonabrasively same engage	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:42
	34	(fastener or bolt or rivet) near3 (friction or pad or shoe or lining) near4 material same (brake or barking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:44
	35	(fastener or bolt or rivet) near3 (friction or pad or shoe or lining) near4 material same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:47
	0	nonmetallic near3 (fastener or bolt or rivet) near3 (friction or pad or shoe or lining) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:48
	0	nonmetallic near3 (fastener or bolt or rivet) same (friction or pad or shoe or lining) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:48
	56	nonmetallic near3 (fastener or bolt or rivet)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 11:49
	22	(friction adj material) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:07
	0	(abrasvie) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:08
	0	(abrasive) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:08
	1	(abrasion) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:09
	229	(fastener or bolt or rivet) near3 friction same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:10
	22	(fastener or bolt or rivet) near3 (friction or frictional) near3 material same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:11
	1	(fastener or bolt or rivet) near3 (friction or frictional) near3 material same (brake or braking) same (damage or prevent or preventing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:12
	2	(fastener or bolt or rivet or attachment) near3 (friction or frictional) near3 material same (brake or braking) same (damage or prevent or preventing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/22 12:13
	2018	(fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing)	USOCR	2003/04/22 12:20
	692	((fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing)) and 188/\$.ccls.	USOCR	2003/04/22 12:14
	191	((fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing)) same (back or backing) adj3 plate	USOCR	2003/04/22 12:15

	146	((fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing) same (back or backing) adj3 plate) and 188/\$.ccls.	USOCR	2003/04/22 12:15
	14	(fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing) same (fastener or bolt or rivet or attachment) near5 (back or backing) adj (plate or shoe)	USOCR	2003/04/22 12:24
	2	(fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing) same (fastener or bolt or rivet or attachment) near5 (back or backing) adj (plate or shoe)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/22 12:25
	0	4588050.pn. and clutch	USPAT; US-PGPUB	2003/04/22 13:10
	1	4588050.pn.	USPAT; US-PGPUB	2003/04/22 13:10
	2	("4588050" or ("5601174")).PN.	USPAT; US-PGPUB	2003/04/22 13:40
	4	PAGE.IN. AND CALLAHAN.IN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 10:53
	1	2003-448890.NRAN.	DERWENT	2003/10/10 10:53
	58	friction adj2 material near5 (rivet or fastener) same (brak\$4 or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:34
	27	prevent\$ same damage near5 (rivet or fastener) same (brak\$4 or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:35
	3	material near5 damage near5 (rivet or fastener) same (brak\$4 or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:25
	9	material near5 (rivet or fastener) same (brak\$4 or clutch) same damag\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:13
	22	friction adj2 material same (loop or looped or ushape or ushaped or u adj shaped or u adj shape) same (back or backing or support) adj plate same (pad or lining)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:16
	1	1981-001453.NRAN.	DERWENT	2003/10/10 11:23
	0	prevent\$ same wearable near5 (rivet or fastener) same (brak\$4 or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:23
	2	wearable near5 (rivet or fastener) same (brak\$4 or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:24
	6	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:26

	177	(rivet or fastener) near4 material same (brak\$4 or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:27
	43	(rivet or fastener) near4 material same (brak\$4 or clutch) same material near4 friction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:31
	0	(rivet or fastener) near4 material same (brak\$4 or clutch) same material near4 friction same (rivet or fastener) near4 (nonscor\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:32
	0	(rivet or fastener) near4 material same (brak\$4 or clutch) same material near4 friction same (rivet or fastener) near4 (damag\$ or prevent\$5 or minimiz\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:32
	0	(rivet or fastener) near4 soft\$5 same (brak\$4 or clutch) same material near4 friction same (rivet or fastener) near4 (damag\$ or prevent\$5 or minimiz\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:33
	1284	(rivet or fastener) near4 soft\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:33
	67	(rivet or fastener) near4 soft\$5 same (rivet or fastener) near4 (damag\$ or prevent\$5 or minimiz\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/10 11:33
	67	friction adj2 material near5 (rivet or fastener) same (brak\$4 or clutch)	USOCR	2003/10/10 11:34
	7	(preventing or prevented or prevent) same damage near5 (rivet or fastener) same (brake or braking or clutch)	USOCR	2003/10/10 11:37
	5652	(preventing or prevented or prevent) same (rivet or fastener) same (brake or braking or clutch)	USOCR	2003/10/10 11:37
	1397	(preventing or prevented or prevent) same (rivet or fastener) same (brake or braking or clutch) same (shoe or lining)	USOCR	2003/10/10 11:38
	66	(preventing or prevented or prevent) near6 (rivet or fastener) same (brake or braking or clutch) same (shoe or lining)	USOCR	2003/10/10 11:41
	12	(preventing or prevented or prevent) near6 scoring same (rivet or fastener) same (brake or braking or clutch) same (shoe or lining)	USOCR	2003/10/10 11:41
	1	"20030094479"	USPAT; US-PGPUB	2003/10/12 12:20
	1	"20030094479" and friction near3 material	USPAT; US-PGPUB	2003/10/12 12:23
	595	(back or backing) adj plate same loop	USPAT; US-PGPUB	2003/10/12 12:23
	50	(back or backing) adj plate same loop same (brake or braking or clutch)	USPAT; US-PGPUB	2003/10/12 12:28
	2218	(back or backing) adj plate same (brake or braking)	USPAT; US-PGPUB	2003/10/12 12:28
	1251	(back or backing) adj plate same (brake or braking) same (lining or pad)	USPAT; US-PGPUB	2003/10/12 12:29
	12	(back or backing) adj plate near4 (loop or ushape or ushaped or u adj shape or u adj shaped) same (brake or braking) same (lining or pad)	USPAT; US-PGPUB	2003/10/12 12:32
	16	(back or backing) adj plate near4 (loop or ushape or ushaped or u adj shape or u adj shaped) same (brake or braking) same (lining or pad)	USOCR	2003/10/12 12:34

	33	(back or backing or support adj plate) near4 (loop or ushape or ushaped or u adj shape or u adj shaped) same (brake or braking) same (lining or pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:36
	45	(back or backing or support adj plate) near4 (loop or ushape or ushaped or u adj shape or u adj shaped) same (brake or braking) same (lining or pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:39
	30	(188/256).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:43
	106	(188/255).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:46
	341	(188/250g).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:49
	173	188/250g.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:49
236631		188/250g.ccls. and material same (rivet or fastener or attach or attachment or loop)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:50
	54	188/250g.ccls. and material same (rivet or fastener or attach or attachment or loop)	USOCR	2003/10/12 12:52
	33	188/250g.ccls. and material near5 (rivet or fastener or attach or attachment or loop)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 12:52
	12	188/250g.ccls. and material near5 (rivet or fastener or attach or attachment or loop)	USOCR	2003/10/12 12:57
	0	188/250g.ccls. and (nonmetallic or metalfree or metal adj free) near5 (rivet or fastener or attach or attachment or loop)	USOCR	2003/10/12 12:57
	0	188/250g.ccls. and (nonmetallic or metalfree or metal adj free) near5 (rivet or fastener or attach or attachment or loop)	USOCR	2003/10/12 12:59
	2	(nonmetallic or metalfree or metal adj free) adj2 rivet	USOCR	2003/10/12 13:00
	5	(nonmetallic or metalfree or metal adj free) adj2 rivet	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 13:00
	1	("4081307").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:03
	1	188/1.11\$.ccls. and rivets near5 (noise or squeal or audible)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:06
	0	188/1.11\$.ccls. and rivets near5 (noise or squeal or audible) same brak\$4 near2 drum	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:05
	0	rivets near5 (noise or squeal or audible) same brak\$4 near2 drum	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:05
	69	188/1.11\$.ccls. and rivets	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:05
	12	188/1.11\$.ccls. and (noise or squeal or audible) same (drum or rotor or disk or disc) same (damag\$4 or scor\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:16
	11	188/1.11\$.ccls. and (noise or squeal or audible) same (drum or rotor or disk or disc) same (damag\$4 or scor\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:11
	4	wear near4 (indicator or sensor) same (noise or squeal or audible) same (drum or rotor or disk or disc) same (damag\$4 or scor\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:11
	236	(drum or rotor or disk or disc) near3 (brake or braking) same (damagefree or damag\$4 or scor\$4) near3 (drum or rotor or disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/10/12 14:18
	13	(drum or rotor or disk or disc) near3 (brake or braking) same (damagefree or damag\$4 or scor\$4) near5 (drum or rotor or disk or disc) same (attach or fastener or rivet or bolt or screw or attachment) near6 (damagefree or damag\$4 or scor\$4) same contact\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/12 14:21
	60	(drum or rotor or disk or disc) same (brake or braking) same (damagefree or damag\$4 or rub or scor\$4) same (attach or fastener or rivet or bolt or screw or attachment) same contact\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/12 14:22
	33	(drum or rotor or disk or disc) near3 (brake or braking) same (damagefree or damag\$4 or scor\$4) near3 (drum or rotor or disk or disc) same rivet	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/12 14:47

-	314	(drum or rotor or disk or disc) near3 (brake or braking) same (damagefree or damag\$4 or scor\$4) near3 (drum or rotor or disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/12 14:49
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L Number	Hits	Search Text	DB	Time stamp
-	262	TUBBS.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/24 05:54
-	401	267/64.11-64.28.ccls. and (coil or coiled or spiral or helical) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/02 05:58
-	34	267/122.ccls. and (coil or coiled or spiral or helical) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 05:44
-	89	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 15:47
-	129	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/12/02 06:02
-	44	(air or pneumatic) adj spring same (method or process) same (retrofit\$5 or replacing or repairing or substituting or converting or removing or changing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 05:59
-	1	1985-094603.NRAN.	DERWENT	2003/11/21 05:56
-	1	1985-094603.NRAN.	DERWENT	2003/11/21 05:56
-	2	(("3346272") or ("3967363")).PN.	USPAT; US-PGPUB	2003/11/21 05:57
-	1	1983-H5684K.NRAN.	DERWENT	2003/11/21 05:59
-	542	(air or pneumatic) adj spring same (retrofit\$5 or replacing or repairing or substituting or converting or removing or changing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 09:34
-	332	267/64.11-64.28.ccls. and (coil or coiled or spiral or helical) adj spring	USOCR	2003/11/21 07:56
-	40	267/34.ccls. and (bellows! or rolling or lobe or diaphragm)	USPAT; US-PGPUB	2003/11/21 07:57
-	71	267/34.ccls. and (bellows! or rolling or lobe or diaphragm)	USOCR	2003/11/26 13:35
-	10	4828237.URPN.	USPAT	2003/11/21 08:02
-	28	(air or pneumatic) adj spring and (267/166-182.ccls. or 267/286-291.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 13:33
-	6	(air or pneumatic) adj spring and (267/166-182.ccls. or 267/286-291.ccls.)	USOCR	2003/11/21 09:38
-	23	267/64.11-64.28.ccls. and (coil or coiled or spiral or helical) adj spring same (convolut\$4 or conical\$3 or volut\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 09:40
-	10	267/64.11-64.28.ccls. and (coil or coiled or spiral or helical) adj spring same collaps\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 09:45
-	11539	(coil or coiled or spiral or helical) adj spring same (volut\$4 or conical\$4 or tapered or collaps\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 09:47
-	37	(coil or coiled or spiral or helical) adj spring same (volut\$4 or conical\$4 or tapered or collaps\$6) same (air or pneumatic) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 09:51
-	62	(coil or coiled or spiral or helical) adj spring same (volut\$4 or conical\$4 or tapered or collaps\$6) and (air or pneumatic) adj spring same (coil or coiled or spiral or helical) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 09:49
-	79	(coil or coiled or spiral or helical) adj spring same (volut\$4 or conical\$4 or tapered or collaps\$6) same (air or pneumatic) adj spring	USOCR	2003/11/21 09:56

-	342	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring	USOCR	2003/11/21 09:56
-	32	((coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring) and 105/\$.ccls.	USOCR	2003/11/21 10:00
-	3	2192355.URPN.	USPAT	2003/11/21 09:59
-	105	((coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring) and 280/\$.ccls.	USOCR	2003/11/21 10:01
-	5	2711315.URPN.	USPAT	2003/11/21 11:51
-	4	4428302.URPN.	USPAT	2003/11/21 12:02
-	8	(US-4677263-\$ or US-6457702-\$ or US-3037763-\$ or US-3106387-\$ or US-3257122-\$ or US-3572676-\$ or US-3620523-\$ or US-4690388-\$).did.	USPAT	2003/11/21 12:05
-	5	(US-3106387-\$ or US-3343830-\$ or US-2896551-\$ or US-3022748-\$ or US-3200771-\$).did.	USOCR	2003/11/21 12:05
-	2	267/221,226.ccls. and (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 12:23
-	1	267/221,226.ccls. and (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USOCR	2003/11/21 12:23
-	89	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 12:24
-	851	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 06:50
-	20	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring near4 (restrict\$4 or lateral or hinder\$ or guid\$4 or limit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 12:27
-	147	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring same (restrict\$4 or lateral or hinder\$ or guid\$4 or limit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 12:57
-	234	(coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring same (restrict\$4 or lateral or hinder\$ or guid\$4 or limit\$4)	USOCR	2003/11/21 12:57
-	138	((coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring same (restrict\$4 or lateral or hinder\$ or guid\$4 or limit\$4) ) and (267/\$.ccls. or 280/\$.ccls. or 16/\$.ccls. or 105/\$.ccls.)	USOCR	2003/11/21 12:58
-	0	(air or pneumatic) adj spring and (267/166.1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 13:33
-	74	267/166.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 13:35
-	1002	267/33-34.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/21 13:36
-	569	267/33-34.ccls.	USOCR	2003/11/21 13:37
-	12	((coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring ) and 267/33-34.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 13:36
-	569	267/33-34.ccls. and 267/33-34.ccls.	USOCR	2003/11/21 13:37
-	18	267/33-34.ccls. and (coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring	USOCR	2003/11/21 13:38

	282	((coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring ) and (267/\$.ccls. or 280/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 13:47
	39	((coil or coiled or spiral or helical) adj spring same (air or pneumatic) adj spring ) and (105/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 13:47
	9	TUBBS.in.	US-PGPUB	2003/11/24 05:54
	974	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 09:13
	416	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring	USOCR	2003/11/24 08:49
	12	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same collaps\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 07:43
	36	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same collaps\$4	USOCR	2003/11/24 07:53
	1	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same pinching	USOCR	2003/11/24 08:06
	180	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same (guid\$4 or align\$4)	USOCR	2003/11/24 08:06
	7	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same (guide or guiding or align or aligning) near4 (coil or coiled or spiral or spirally or helical or helically)	USOCR	2003/11/24 08:09
	4	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same (guide or guiding or align or aligning) near4 (coil or coiled or spiral or spirally or helical or helically)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/24 08:09
	0	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same pinching	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:11
	1	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) same pinch	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:11
	23	(coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring and (diaphragm or bellows! or membrane or flexible adj (wall or sidewall)) near4 (pinch or pinching or damage or damaged or collapse or collapsed or collapsing or fails or failure or defect or defective or prevent or prevented)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:21
	8	(coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring same (diaphragm or bellows! or membrane or flexible adj (wall or sidewall)) near4 (pinch or pinching or damage or damaged or collapse or collapsed or collapsing or fails or failure or defect or defective or prevent or prevented)	USOCR	2003/11/24 08:34
	2	(coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring same (diaphragm or bellows! or membrane or flexible adj (wall or sidewall)) near4 (pinch or pinching or damage or damaged or collapse or collapsed or collapsing or fails or failure or defect or defective or prevent or prevented)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:38
	78	(air or pneumatic) adj spring same (diaphragm or bellows! or membrane or flexible adj (wall or sidewall)) near4 (pinch or pinching or damage or damaged or collapse or collapsed or collapsing or fails or failure or defect or defective or prevent or prevented)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:42

	408	(267/3).CCLS.	USPAT; US-PGPUB; DERWENT; USPAT; US-PGPUB; USOCR	2003/11/24 08:46
	1	2002-702061.NRAN.		2003/11/24 08:43
	6	267/3.ccls. and ((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring )		2003/11/24 08:47
	5	267/3.ccls. and ((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring )		2003/11/24 08:47
	6	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) and 16/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:48
	214	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) and 280/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:48
	154	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) and 267/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:49
	162	((((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) and 280/\$.ccls. ) not ((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) and 267/\$.ccls. )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/24 08:49
	210	((coil or coiled or spiral or helical) near3 spring same (air or pneumatic) adj spring ) and (280/\$.ccls. or 267/\$.ccls.)	USOCR	2003/11/24 08:50
	1	(US-4936226-\$).did.	USPAT	2003/11/24 08:58
	7	(US-2901242-\$ or US-3491702-\$ or US-3438309-\$ or US-2956797-\$ or US-2711315-\$ or US-2192355-\$ or US-2180876-\$).did.	USOCR	2003/11/24 08:58
	150	(280/124.162).CCLS.	USPAT; US-PGPUB	2003/11/24 09:12
	636	267/64.27,64.24,64.21.ccls.	USPAT; US-PGPUB	2003/11/24 09:14
	79	(coil or coiled or spiral or helical) near3 spring and 267/64.27,64.24,64.21.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/02 05:56
	79	(coil or coiled or spiral or helical) near3 spring and 267/64.27,64.24,64.21.ccls.	USPAT; US-PGPUB	2003/11/24 09:13
	66	267/64.27,64.24,64.21.ccls. and (coil or coiled or spiral or helical) near3 spring	USOCR	2003/12/02 05:59
	6	(US-4690388-\$ or US-3966223-\$ or US-6375168-\$ or US-4398704-\$).did. or (US-20020109332-\$ or US-20020008340-\$).did.	USPAT; US-PGPUB	2003/11/24 09:40
	2	(US-2756048-\$ or US-2496893-\$).did.	USOCR	2003/11/24 09:40
	1241	267/33-35.ccls.	USPAT; US-PGPUB	2003/11/24 09:41
	792	267/33-35.ccls.	USOCR	2003/11/24 09:41
	29	267/33-35.ccls. and (coil or coiled or spiral or helical) same (air or pneumatic or fluid) same (rubber or elastom\$5)	USPAT; US-PGPUB	2003/11/24 09:45
	87	267/33-35.ccls. and (coil or coiled or spiral or helical) same (air or pneumatic or fluid) same (rubber or elastom\$5)	USOCR	2003/11/24 09:46
	30	(coil or coiled or spiral or helical) adj spring near4 collapsible b60g11/54.ipc.	USOCR	2003/11/26 12:36
	0		USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:36
	23	b60g011/54.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:36

	197	b60g011/56.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:36
	111	b60g011/62.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:37
	328	b60g011/54.ipc. or b60g011/56.ipc. or b60g011/62.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:37
	328	b60g011/54.ipc. b60g011/56.ipc. b60g011/62.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:37
	16	(b60g011/54.ipc. b60g011/56.ipc. b60g011/62.ipc. ) and (coil or coiled or spiral or helical) same (air or pneumatic or fluid or gas) same (bellows! or rolling or lobe or diaphragm or flexible)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:41
	22	(b60g011/54.ipc. b60g011/56.ipc. b60g011/62.ipc. ) and (coil or coiled or spiral or helical) same (bellows! or rolling or lobe or diaphragm or flexible)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:41
	6	((b60g011/54.ipc. b60g011/56.ipc. b60g011/62.ipc. ) and (coil or coiled or spiral or helical) same (bellows! or rolling or lobe or diaphragm or flexible)) not ((b60g011/54.ipc. b60g011/56.ipc. b60g011/62.ipc. ) and (coil or coiled or spiral or helical) same (air or pneumatic or fluid or gas) same (bellows! or rolling or lobe or diaphragm or flexible))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 12:41
	244	(267/122).CCLS.	USPAT; US-PGPUB	2003/11/26 13:30
	14	(coil or coiled or spiral or helical) adj spring and 267/122.ccls.	USOCR	2003/11/26 13:32
	34	(coil or coiled or spiral or helical) adj spring and 267/122.ccls.	USPAT; US-PGPUB	2003/11/26 13:34
	52	(coil or coiled or spiral or helical) and 267/122.ccls.	USPAT; US-PGPUB	2003/11/26 13:42
	18	((coil or coiled or spiral or helical) and 267/122.ccls. ) not ((coil or coiled or spiral or helical) adj spring and 267/122.ccls. )	USPAT; US-PGPUB	2003/11/26 13:34
	0	hauser.xp.	USOCR	2003/11/26 13:39
	0	hauser.xa.	USOCR	2003/11/26 13:40
	284267	(coil or coiled or spiral or helical or helically or compression) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 13:45
	13343	((coil or coiled or spiral or helical or helically or compression) adj spring) same (diaphragm or bellow or bladder or membrane or bag or flexible adj (wall or enclosure))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 13:49
	4542	((((coil or coiled or spiral or helical or helically or compression) adj spring) same (diaphragm or bellow or bladder or membrane or bag or flexible adj (wall or enclosure))) same (air or pneumatic or gas)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 13:49
	194	(((coil or coiled or spiral or helical or helically or compression) adj spring) same (diaphragm or bellow or bladder or membrane or bag or flexible adj (wall or enclosure))) same (air or pneumatic or gas) adj (spring or suspension)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/26 13:50
	4797	(bellows! or rolling or lobe or diaphragm) near4 (pinch or pinching or pinched or collaps\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/01 05:49
	90	(bellows! or rolling or lobe or diaphragm) near4 (pinch or pinching or pinched or collaps\$4) same (coil or coiled or spiral or helical) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/01 05:53

	13	(bellows! or rolling or lobe or diaphragm) near4 (pinch or pinching or pinched or collaps\$4) same (air or pneumatic) adj spring	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/12/01 05:52
	460	(bellows! or rolling or lobe or diaphragm) near4 (pinch or pinching or pinched or collaps\$4) same (coil or coiled or spiral or helical) adj spring	USOCR	2003/12/01 05:53
	14	( (bellows! or rolling or lobe or diaphragm) near4 (pinch or pinching or pinched or collaps\$4) same (coil or coiled or spiral or helical) adj spring) and 267/\$.ccls.	USOCR	2003/12/01 06:14
	6	( (bellows! or rolling or lobe or diaphragm) near4 (pinch or pinching or pinched or collaps\$4) same (coil or coiled or spiral or helical) adj spring) and 280/\$.ccls.	USOCR	2003/12/01 06:15
	53	( (bellows! or rolling or lobe or diaphragm) near4 (pinch or pinching or pinched or collaps\$4) same (coil or coiled or spiral or helical) adj spring) and 92/\$.ccls.	USOCR	2003/12/01 06:15
	1	("3106387").PN.	USPAT; US-PGPUB	2003/12/01 09:27
	1	("2998244").PN.	USPAT; US-PGPUB	2003/12/01 10:12
	26	267/64.28.cccls. and butler.xp.	USPAT; US-PGPUB	2003/12/01 10:14
	227640	(coil or coiled or spiral or helical) near3 spring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/02 05:57
	717	267/64.11.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/02 05:58
	66	267/64.27,64.24,64.21.cccls. and (coil or coiled or spiral or helical) near3 spring	USOCR	2003/12/02 06:01
	48	267/64.11.cccls. and (coil or coiled or spiral or helical) near3 spring	USOCR	2003/12/02 06:01
	678	(air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USOCR	2003/12/02 06:02
	678	(air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USOCR	2003/12/02 06:03
	2050	(air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/02 06:04
	8	( (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)) same overload\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/02 06:03
	17	( (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)) same (break or breakage or rupture or fail or failure or collaps\$5) near (bellows! or rolling or lobe or diaphragm)	USOCR	2003/12/02 06:05
	14	( (air or pneumatic) adj spring same (bellows! or rolling or lobe or diaphragm)) same (break or breakage or rupture or fail or failure or collaps\$5) near (bellows! or rolling or lobe or diaphragm)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/02 06:06
	5	("2192355" or ("4120489") or ("4574450") or ("2756048") or ("2257913")).PN.	USPAT; US-PGPUB	2004/03/07 14:37
	18111	skate or skating or skateboard or rollerskat\$4 or roller adj skat\$4 or rollerblading or roller adj blad\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 15:13
	15651	skate or skating or skateboard or rollerskat\$4 or roller adj skat\$4 or rollerblading or roller adj blad\$5 same roller same (friction or bak\$4) same wobble	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 15:27



	8	384/.ccls. and (selfalig\$5 or self adj align\$5) same (ball or spherical\$5) same springs!	USPAT; US-PGPUB	2004/03/07 16:20
	44	384/.ccls. and (selfalig\$5 or self adj align\$5) same (ball or spherical\$5) same springs!	USOCR	2004/03/07 16:23
	44	(selfalig\$5 or self adj align\$5) same (ball or spherical\$5) same springs! same (skew\$4 or tilt or wobble)	USOCR	2004/03/07 16:24
	3	(selfalig\$5 or self adj align\$5) same (ball or spherical\$5) same springs! same (skew\$4 or tilt or wobble)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 16:25
	20	(selfalig\$5 or self adj align\$5) same (ball or spherical\$5) same spring same (skew\$4 or tilt or wobble)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 16:27
	97	(selfalig\$5 or self adj align\$5) same (ball or spherical\$5) same spring same (skew\$4 or tilt or wobble)	USOCR	2004/03/07 16:27
	233	188/70\$.ccls.	USPAT; US-PGPUB	2004/03/07 16:40
	11	188/70\$.ccls. and (concav\$ or spheric\$5)	USPAT; US-PGPUB	2004/03/07 16:41
	7	188/70\$.ccls. and (concav\$ or spheric\$5)	USOCR	2004/03/07 16:41
	73	(drum or rotor or disk or disc) near3 brak\$4 same scoring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 16:47
	0	(drum or rotor or disk or disc) near3 brak\$4 same scoring same material	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 16:51
	6	(drum or rotor or disk or disc) near3 brak\$4 same scoring same material same prevent\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 16:52
	66	(drum or rotor or disk or disc) near3 brak\$4 same scoring same material same prevent\$4	USOCR	2004/03/07 17:10
	0	(drum or rotor or disk or disc) near3 brak\$4 same (nonmetallic or non adj metallic) adj rivet	USOCR	2004/03/07 17:10
	0	(drum or rotor or disk or disc) near3 brak\$4 same (nonmetallic or non adj metallic) adj rivet	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 17:11
	0	(drum or rotor or disk or disc) near3 brak\$4 same (nonmetallic or non adj metallic) adj fastener	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/07 17:11
	0	(drum or rotor or disk or disc) near3 brak\$4 same (nonmetallic or non adj metallic) adj fastener	USOCR	2004/03/07 17:11
	0	(drum or rotor or disk or disc) near3 brak\$4 same (nonmetallic or non adj metallic) adj3 fastener	USOCR	2004/03/07 17:11
	320	brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped)	USOCR	2004/03/08 06:23
	12604	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc)	USOCR	2004/03/08 06:07
	499	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:25
	4	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (baking or back) adj2 (plate or support)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:08

	189	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (baking or back) adj2 (plate or support)	USOCR	2004/03/08 06:25
	2	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (baking or back) adj2 (plate or support) same holder	USOCR	2004/03/08 06:08
	118	(brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (baking or back) adj2 (plate or support)) and 188/\$.ccls.	USOCR	2004/03/08 06:08
	7	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (holder or fasten or fastener or attachment)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:09
	0	(brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc)) and f16f069/04.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:13
	4	f16f069/04.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:18
	348	188/250g.ccls.	USPAT; US-PGPUB	2004/03/08 06:16
	63	188/250g.ccls. and drum	USPAT; US-PGPUB	2004/03/08 06:16
	1403	f16d069/04.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:20
	1	f16d069/04.ipc. and (brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:19
	6	f16d069/04.ipc. and (brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:19
	145	brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:20
	145	brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:21
	107	(brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped)) and 188/\$.ccls.	USOCR	2004/03/08 06:22
	95	brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped) same (back or backing)	USOCR	2004/03/08 06:24
	5	brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped) same (back or backing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:24
	27	brak\$4 near4 (holder or holding) same (ushape or ushaped or cshape or cshaped or U adj shape or u adj shaped or c adj shape or c adj shaped) same (back or backing) and 188/\$.ccls.	USOCR	2004/03/08 06:24

	118	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (baking or back) adj2 (plate or support) and 188/\$.ccls.	USOCR	2004/03/08 06:25
	9	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) and (f16d069/\$.ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:28
	22	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) and (f16d069/\$.ipc. or 188/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 06:28
	502	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) and 188/\$.ccls.	USOCR	2004/03/08 08:06
	222	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (prevent or preventing)	USOCR	2004/03/08 07:28
	2	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (prevent or preventing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:12
	177	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (prevent or preventing) and 188/\$.ccls.	USOCR	2004/03/08 07:16
	0	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (prevent or preventing) and 188/73.1,73.2,250\$.ccls.	USOCR	2004/03/08 07:21
	0	188/73.1,73.2,250\$.ccls.	USOCR	2004/03/08 07:17
	352	188/73.1,73.2,250g.cccls.	USOCR	2004/03/08 07:17
	500	188/73.1,73.2,250g,250b,250a.cccls.	USOCR	2004/03/08 07:18
	1428	188/73.1,73.2,250g,250b,250a.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:18
	11	188/73.1,73.2,250g,250b,250a.cccls. and (brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (prevent or preventing)) f16d069/\$.ipc.	USOCR	2004/03/08 07:18
	8181		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:20
	22	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 09:07
	499	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:24

		35	(brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) and f16d069/\$.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:24
		0	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (holder or retention)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:28
		10	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (holder or retention)	USOCR	2004/03/08 07:29
		3	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same (holder or retention)	USOCR	2004/03/08 07:34
		10	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) and 188/\$.ccls.	USOCR	2004/03/08 07:35
		1	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (nonmurring or nonscoring)	USOCR	2004/03/08 07:36
		0	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (nonmurring or nonscoring)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:38
		0	(scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (nonmurring or nonscoring) same (rivet or fastener or connector)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:38
		3	(scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (nonmurring or nonscoring) same (rivet or fastener or connector)	USOCR	2004/03/08 07:39
		0	nonmetallic adj2 (rivet or fastener or connector)	USOCR	2004/03/08 07:39
		0	nonmetallic adj2 (rivet or fastener or connector)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:40
		24	nonmetallic adj2 (rivet or fastener or connector)	USOCR	2004/03/08 07:40
		43	nonmetallic adj2 (rivet or fastener or connector)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:44
		1554	(rivet or fastener) same damage near4 prevent\$4	USOCR	2004/03/08 07:44
		48	(rivet or fastener) near3 (material or nonmetallic or resin) same damage near4 prevent\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:51
		3	4081307.URPN.	USPAT	2004/03/08 07:48
		4	("2520978"   "2642919"   "2668364"   "3498820").PN.	USPAT	2004/03/08 07:48
		174	(rivet or fastener) near3 (plastic or material or nonmetallic or resin) same (brake or braking or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:53
		23	(rivet or fastener) near3 (plastic or material or nonmetallic or resin) same (brake or braking or clutch) same prevent\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 07:58

	64	(rivet or fastener) near3 (plastic or material or nonmetallic or resin) same (brake or braking or clutch) same (prevention or prevented or prevent or preventing)	USOCR	2004/03/08 08:02
	23	(rivet or fastener) near3 (plastic or material or nonmetallic or resin) same (brake or braking or clutch) same (prevention or prevented or prevent or preventing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 08:04
	0	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same reinforc\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 08:09
	3	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) and reinforc\$4 same (lining or friction\$3 adj material or pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 08:10
	54	brak\$4 same (scrape or scraped or scratch or scratched or scrape or scraped or scraping or score or scored or scoring or scuff or scuffed or scuffing or mar or marring or marred) same (drum or disk or rotor or disc) same (backing or back) adj2 (plate or support) same reinforc\$4 (188/234).CCLS.	USOCR	2004/03/08 08:13
	297	(188/256).CCLS.	USPAT; US-PGPUB	2004/03/08 08:37
	30	(188/256).CCLS.	USPAT; US-PGPUB	2004/03/08 08:55
	16	192/107m.ccls. and cork	USOCR	2004/03/08 08:56
	1	brak\$4 same (drum or disk or rotor or disc or clutch ) same (backing or back) adj2 (plate or support) same (friction adj material) near5 reinforc\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 09:34
	0	(make or select) adj8 "same material" adj6 (friction adj2 (lining or shoe or pad or shoe))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 09:36
	34	"same material" same (friction adj2 (lining or shoe or pad or shoe)) same (brak\$4 or clutch)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 09:42
	14	"same material" same (friction adj2 (lining or shoe or pad or shoe)) same (brak\$4 or clutch)	USOCR	2004/03/08 09:48
	12	"same material" and 188/250\$.ccls.	USOCR	2004/03/08 09:49
	7	"same material" and (188/250\$.ccls. and f16d069/\$.ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 09:51
	8	"same" adj2 material and (188/250\$.ccls. and f16d069/\$.ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 09:53
	1	( "same" adj2 material and (188/250\$.ccls. and f16d069/\$.ipc.)) not ( "same material" and (188/250\$.ccls. and f16d069/\$.ipc.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 09:52
	415	"same" adj2 material same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 10:11
	78	"same" adj2 material same brak\$4 same (retention or retainer or rivet or fastener or fastening or insert or connector or reinforc\$6 or projection or T adj shap\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 10:08
	1	JP361256032A	JPO	2004/03/08 10:09
	1	JP361256032A	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 10:09

-	4	"same" adj2 material and 188/1.11w.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 10:12
-	0	"same" adj2 material and 188/1.11w.ccls.	USOCR	2004/03/08 10:14
-	11	"same" adj2 material and 340/454.ccls.	USPAT; US-PGPUB	2004/03/08 10:12
-	1	"same" adj2 material and 340/454.ccls.	USOCR	2004/03/08 10:12
-	192	188/1.11\$.ccls. or 340/454.ccls.	USOCR	2004/03/08 10:14
-	1130	188/1.11\$.ccls. or 340/454.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 10:15
-	151	(rivet or fastener or connector) same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 10:19
-	987	(rivet or fastener or connector) same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear ((rivet or fastener or connector) same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear) and (188/1.11\$.ccls. or 340/454.ccls.)	USOCR	2004/03/08 10:18
-	33	((rivet or fastener or connector) same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear) and ((rivet or fastener or connector) same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 10:19
-	24	((rivet or fastener or connector) same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear) and (188/1.11\$.ccls. or 340/454.ccls.)	USOCR	2004/03/08 11:16
-	4	2398006.URPN.	USPAT	2004/03/08 11:02
-	9	(US-3556046-\$ or US-5117947-\$ or US-4606434-\$ or US-4562421-\$ or US-4201974-\$ or US-4184145-\$ or US-3958445-\$ or US-3689880-\$).did. or (JP-61256032-\$).did.	USPAT; JPO	2004/03/08 11:10
-	3	(US-3479640-\$ or US-3138224-\$ or US-3088549-\$).did.	USOCR	2004/03/08 11:10
-	0	((rivet or fastener or connector) near5 friction adj material same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear) and (188/1.11\$.ccls. or 340/454.ccls.)	USOCR	2004/03/08 11:17
-	5	((rivet or fastener or connector) near5 friction adj material same (brake or braking) same (noise or squeal or audible or sound or scrap or scraps or touch or touched or contacts or contact or engages) same wear)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 11:17
-	56	73/121-132.ccls. and (park\$3 or emergency) near2 brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 12:48
-	5	73/121-132.ccls. and (park\$3 or emergency) near2 brak\$4	USOCR	2004/03/08 12:46
-	296	test\$4 same (park\$3 or emergency) near2 brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 12:50
-	528589	test\$4 near4 (park\$3 or emergency) same brak\$4 (park\$3 or emergency)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 12:50
-	100	test\$4 near4 (park\$3 or emergency) same brak\$4 near4 (park\$3 or emergency)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/08 12:51

	149	("4498559" "4316530" "4456578" "5413194" "6105736" "6170620" "6193025" "4248328" "4273219" "4289217" "4290508" "4343382" "4364455" "4365695" "4398622" "4417647" "4438004" "4445595" "4527669" "4795013" "4924583" "4991697" RE33576 "5236528" "5289904" "5321876" "5356702" "5396972" "5407034" "5407036" "5433301" "5456339" "5480008" "5515950" "5520265" "5535860" "5535858" "5561895" "5576358" "5586626" "5595266" "5685193" "5722516" "5725077" "5730257" "5732800" "5842546" "5875873" "5957256" "6032769").pn. ("6139673" "6142263" "6216829" "6216829" "6234284" "6241055" "6283258" "6367600" "6431331" "6464047" "6474452" "4428463" "4460067" "5690347" "6135244" "3618714" "3616878" "3602328"	USPAT; US-PGPUB	2004/03/08 13:22
Search History	4/5/04 6:29:24 AM	Page 14		

	14	("1880750"   "3490563"   "4569424"   "4640390"   "5123514"   "5255762"   "5355986"   "5429216"   "5515950"   "5730257"   "5732800"   "5839550"   "5842546"   "6116384").PN. "20030094479"	USPAT	2004/03/08 13:26
	2		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 13:39
	1	2003-448890.NRAN.	DERWENT	2004/03/21 13:39
	1	(attaching or attached) same pad same friction adj material same backing adj plate same closed adj loop near4 backing adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 13:41
	74	holding same pad same backing adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 13:48
	1	article adj3 manufacture same backing adj plate same pad same friction adj material	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 13:50
	8774	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) same (brake or braking or clutch)	USOCR	2004/03/21 13:52
	2421	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) near5 (brake or braking or clutch)	USOCR	2004/03/21 13:53
	569	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) near5 (brake or braking or clutch) same material	USOCR	2004/03/21 13:53
	11	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) near5 (brake or braking or clutch) same (material or substance) near5 (loop or fastener or attachment or connector or connection or ushape or ushaped or cshape or c adj shaped or cshaped or u adj shape or u adj shaped)	USOCR	2004/03/21 13:59
	21	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) near5 (brake or braking or clutch) same (material or substance) near5 (loop or fastener or attachment or connector or connection or ushape or ushaped or cshape or c adj shaped or cshaped or u adj shape or u adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 14:34
	0	4991697.URPN.	USPAT	2004/03/21 14:05
	1	"4154322".PN.	USPAT	2004/03/21 14:05
	8	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) near5 (brake or braking or clutch) same (material or substance) near5 mesh	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 14:14
	2	"29821482"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 14:21
	1	6267206.pn.	USPAT; US-PGPUB	2004/03/21 14:21
	0	6267206.URPN.	USPAT	2004/03/21 14:21
	4	("4173681"   "4552252"   "4781275"   "6062351").PN.	USPAT	2004/03/21 14:22
	0	"8210965" near2 fr	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 14:31
	2	(oehl.in. or ohl.in.) and textar.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 14:32
	15	(oehl.in. or ohl.in.) and brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 14:32

	7	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) near5 (brake or braking or clutch) same ( fastener or attachment or connector or connection) near6 (loop or looped or ushape or ushaped or cshape or c adj shaped or cshaped or u adj shape or u adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/21 14:36
	2	(back adj plate or backing adj plate or backplate or attaching adj plate or holding adj plate or support adj plate) near5 (brake or braking or clutch) same ( fastener or attachment or connector or connection) near6 (loop or looped or ushape or ushaped or cshape or c adj shaped or cshaped or u adj shape or u adj shaped)	USOCR	2004/03/21 14:36
	251	188/258	USOCR	2004/03/21 14:37
	269	(188/258).CCLS.	USPAT;	2004/03/21 14:50
	1	6666303.PN.	US-PGPUB	
	1	2002-521164.NRAN.	USPAT;	2004/03/21 14:55
	1	2002-521164.NRAN.	DERWENT	2004/03/21 16:22
	1	"200264991"	DERWENT	2004/03/21 15:50
	1	2002-521164.NRAN.	USPAT;	2004/03/21 16:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
			DERWENT	
				2004/03/21 16:02